

SUPPLEMENTAL PRELIMINARY AMENDMENT  
U.S. Appln. No. 09/869,103

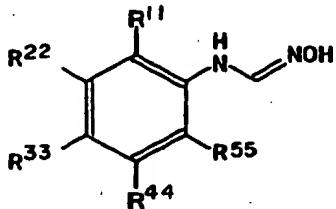
**Page 38, paragraph encompassing lines 14-18:**

*A8*  
The compounds shown in Table 1 described below were obtained by carrying out the similar procedures as those of Example 1. The compounds obtained in Examples 1 to 6, together with the other compounds are also shown in Table 1.

**IN THE CLAIMS:**

**Please enter the following amended claims:**

5. A hydroxyformamidine derivative represented by the formula:



wherein at least one of  $\text{R}^{11}$  to  $\text{R}^{55}$  represents a C<sub>5</sub>-14 alkyl group; a C<sub>2</sub>-6 alkenyl group; a C<sub>3</sub>-8 cycloalkyl C<sub>1</sub>-6 alkyl group; a C<sub>2</sub>-6 alkynyl group; a C<sub>3</sub>-8 cycloalkyl group; a C<sub>3</sub>-8 cycloalkoxy group; a C<sub>2</sub>-10 alkanoyl group; a C<sub>1</sub>-6 hydroxyalkyl group; a C<sub>1</sub>-6 hydroxyalkyl group substituted with 1 to 6 halogen atoms; a C<sub>2</sub>-6 alkoxy carbonyl group; a 3-phenyl-2-propenyl oxycarbonyl group; a C<sub>2</sub>-6 alkoxy carbonyl C<sub>1</sub>-6 alkyl group; a di(C<sub>1</sub>-6 alkyl)amino C<sub>2</sub>-6 alkoxy carbonyl group; a mono- or di(C<sub>1</sub>-6 alkyl)amino group; a C<sub>2</sub>-10 alkanoyl amino group; a C<sub>2</sub>-6 alkanoyl amino group substituted with a C<sub>1</sub>-6 alkyl group; a benzoyl amino group; a carbamoyl group; a carbamoyl group mono- or di-substituted with C<sub>1</sub>-6 alkyl or phenyl groups; an N-(N',N'-di(C<sub>1</sub>-6 alkyl)amino

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$C_{1-6}$  alkyl)carbamoyl group; a cyano group; a cyano  $C_{1-6}$  alkyl group; a  $C_{1-6}$  alkylsulfonyl group; a phenylsulfonyl group; a  $C_{1-6}$  alkylthio  $C_{1-6}$  alkyl group; a phenylsulfonyl  $C_{1-6}$  alkylthio group wherein the benzene ring is substituted with 1 to 5 halogen atoms; a phenyl group; a benzyl group; a phenyl group substituted with 1 to 3 substituents selected from the group consisting of cyano groups, halogen atoms,  $C_{1-6}$  alkyl groups, and  $C_{1-6}$  alkoxy groups; a biphenyl group; an  $\alpha$ -cyanobenzyl group; an  $\alpha$ -cyanobenzyl group substituted with 1 to 5 halogen atoms; a benzyl group substituted with a bicyclo[2.2.1]-hept-5-en-2,3-dicarboxyimidyl group; a benzoyl group; a styryl group; a styryl group substituted with 1 to 5 substituents selected from the group consisting of  $C_{1-6}$  alkoxy groups and di( $C_{1-6}$  alkyl)amino alkyl groups; a pyrrolidino group; a piperidino group; a morpholino group; a pyridyl group; a pyrimidinyl group; a pyrimidinyl group substituted with 1 to 3 substituents selected from the group consisting of  $C_{1-6}$  alkyl groups and  $C_{1-6}$  alkoxy groups; a phthalimidoyl group; a phthalimidoyl group substituted with 1 to 3 halogen atoms; an N-carbazolyl group; a dioxopiperidinyl group substituted with 1 to 3  $C_{1-6}$  alkyl groups; a phenylsulfonylamino group; a phenylsulfonylamino group substituted with 1 to 3  $C_{1-6}$  alkyl groups; a  $C_{1-6}$  alkylaminosulfonyl  $C_{1-6}$  alkyl group; a thiadiazolyl group; an oxadiazolyl group; an oxadiazolyl group substituted with a substituted phenyl group wherein the substituents in the substituted phenyl group are 1 to 3 substituents selected from the group consisting of halogen atoms,  $C_{1-6}$  alkyl groups, and  $C_{1-6}$  alkoxy groups; a pyrrolidinyl group; a pyrazolyl group; a pyrazolyl group substituted with 1 to 3 substituents selected from the group consisting of halogen atoms,  $C_{1-6}$  alkyl groups, and trifluoromethyl groups; a furyl group; a furyl group substituted with 1 to 3 substituents selected from the group consisting of halogen atoms,  $C_{1-6}$  alkyl groups, and

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$C_{2-6}$  alkoxy carbonyl groups; a thienopyrimidinylthio group; a thienopyrimidinylthio group substituted with 1 to 3  $C_{1-6}$  alkyl groups; a thienopyridylthio group; a thienopyridylthio group substituted with 1 to 3  $C_{1-6}$  alkyl groups; a benzothiazolylthio group; a benzothiazolylthio group substituted with 1 to 3 halogen atoms; a group represented by the formula:  $-Y-(CR^{61}R^{62})_m-(CR^{63}R^{64})_n-R^{77}$  [wherein Y represents an oxygen or sulfur atom;  $R^{61}$ ,  $R^{62}$ ,  $R^{63}$ , and  $R^{64}$  are identical or different and represent a hydrogen atom, a halogen atom, a  $C_{1-4}$  alkyl group, or a trifluoromethyl group;  $R^{77}$  represents a halogen atom; a  $C_{4-14}$  alkyl group; a  $C_{3-8}$  cycloalkyl group; a  $C_{2-10}$  alkenyl group; a  $C_{2-6}$  alkynyl group; a phenyl group; a phenyl group substituted with 1 to 3 substituents selected from the group consisting of nitro groups, cyano groups,  $C_{1-6}$  alkyl groups,  $C_{1-6}$  alkoxy groups,  $C_{1-6}$  alkylthio groups, phenyl groups, phenoxy groups, phenethyl groups,  $C_{2-6}$  alkoxy carbonyl groups, and halogen atoms; a cyano group; a carboxyl group; a  $C_{1-6}$  alkoxy group; a  $C_{1-6}$  hydroxyalkyl group; a  $C_{3-8}$  cycloalkoxy group; a  $C_{1-6}$  alkoxy  $C_{1-6}$  alkoxy group; a  $C_{1-6}$  alkoxy  $C_{1-6}$  alkoxy  $C_{1-6}$  alkoxy group; a  $C_{1-6}$  alkylthio group; a  $C_{2-6}$  alkanoyloxy group; a  $C_{2-6}$  alkanoyloxy  $C_{1-6}$  alkyl group; a phenoxy group; a phenylthio group; an N-( $C_{1-6}$  alkyl)toluidino group; a pyrrolidino group; a piperidino group; a morpholino group; a pyridyl group; a pyridyl group substituted with a  $C_{1-6}$  alkyl group; a piperidino group substituted with a  $C_{1-6}$  alkyl group; a pyridyl group substituted with a  $C_{1-6}$  alkoxy group; a pyrrolidino group substituted with a  $C_{1-6}$  alkyl group; a morpholino group substituted with a  $C_{1-6}$  alkyl group; a morpholinyl group; a morpholinyl group substituted with a  $C_{1-6}$  alkyl group; a homomorpholinyl group; a thiomorpholinyl group; a thiomorpholinyl group substituted with a  $C_{1-6}$  alkyl group; a thiomorpholinyl group; a thiomorpholinyl group substituted with a  $C_{1-6}$  alkyl group; a thiomorpholinyl group substituted with a  $C_{1-6}$  alkyl group; a

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piperadinyl group; a piperadin-1-yl group substituted with a C<sub>1-6</sub> alkyl group at the 4-position; a homopiperidinyl group; a homopiperidinyl group substituted with a C<sub>1-6</sub> alkyl group; a pyridylthio group; a quinolyl group; a furyl group; an oxetanyl group; an oxolanyl group; a dioxolanyl group; a dioxolanyl group substituted with a C<sub>1-6</sub> alkyl group; an oxanyl group; a dioxanyl group; a dioxanyl group substituted with a C<sub>1-6</sub> alkyl group; a benzodioxanyl group; a pyrrolidon-1-yl group; a pyrrolidinyl group; an N-(C<sub>1-6</sub> alkyl)pyrrolidinyl group; a piperidinyl group; an N-(C<sub>1-6</sub> alkyl)piperidinyl group; a pyrrolyl group; a thienyl group; a thiazolyl group; a thiazolyl group substituted with 1 to 3 C<sub>1-6</sub> alkyl groups; a 2,6-purindion-7-yl group substituted with at least one C<sub>1-6</sub> alkyl group; a furfuryl group; a di(C<sub>1-6</sub> alkyl)amino group; a C<sub>2-6</sub> alkoxycarbonyl group; or a di(C<sub>1-6</sub> alkyl)amino C<sub>1-6</sub> alkoxy group; m is an integer of 1 to 6; and n is an integer of 0 to 6]; or a group represented by the formula: -SO<sub>2</sub>NR<sup>8</sup>R<sup>9</sup> [wherein R<sup>8</sup> and R<sup>9</sup> are identical or different and represent a hydrogen atom, a C<sub>1-10</sub> alkyl group, a C<sub>2-6</sub> alkanoyl group, an isoxazolyl group, an isoxazolyl group substituted with 1 to 3 C<sub>1-6</sub> alkyl groups, a thiadiazolyl group, a thiadiazolyl group substituted with 1 to 3 C<sub>1-6</sub> alkyl groups, a thiazolyl group, a thiazolyl group substituted with 1 to 3 C<sub>1-6</sub> alkyl groups, a pyridyl group, a pyridyl group substituted with 1 to 3 C<sub>1-6</sub> alkyl groups, a pyrimidinyl group, a pyrimidinyl group substituted with 1 to 3 C<sub>1-6</sub> alkyl groups, a pyrimidinyl group substituted with 1 to 3 C<sub>1-6</sub> alkoxy groups, a pyridazinyl group, a pyridazinyl group substituted with 1 to 3 C<sub>1-6</sub> alkoxy groups, an indazolyl group, or a carbamoyl group mono- or di-substituted with C<sub>1-6</sub> alkyl groups, or alternatively, taken together with the nitrogen atom to which they are bonded, form a 3,5-

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dioxopiperadino group, a pyrrolidinyl group, a piperidino group, or a morpholino group], or alternatively,

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the two groups adjacent to each other of R<sup>11</sup> to R<sup>55</sup>, taken together with the benzene ring to which they are bonded, form a phthalimide ring; a phthalimide ring substituted with a C<sub>1-6</sub> alkyl group; an indole ring; an indane ring; an indazole ring; a benzotriazole ring; an S,S-dioxobenzothiophene ring; a 2,3-dihydroimidazo[2,1-b]benzothiazole ring; a dibenzofuran ring; a dibenzofuran ring substituted with a C<sub>1-6</sub> alkoxy group; a fluorene ring; a fluorene ring substituted with a halogen atom; a pyrene ring; a carbostyryl ring; a carbostyryl ring substituted with a C<sub>1-6</sub> alkyl group; a naphthalene ring; a naphthalene ring substituted with 1 to 3 substituents selected from the group consisting of cyano groups, halogen atoms, nitro groups, and C<sub>1-6</sub> alkyl groups; a 1,2,3,4-tetrahydronaphthalene ring; a quinoline ring; a quinoline ring substituted with a C<sub>1-6</sub> alkyl group; an isoquinoline ring; a 2-oxo- $\alpha$ -chromene ring; a 2-oxo- $\alpha$ -chromene ring substituted with 1 to 3 substituents selected from the group consisting of C<sub>1-6</sub> alkyl groups, C<sub>1-6</sub> alkoxy groups, and C<sub>1-6</sub> alkoxy C<sub>1-6</sub> alkyl groups; a cinnolin ring; a cinnolin ring substituted with a C<sub>1-6</sub> alkyl group; a phthalazindione ring; a benzothiazol ring; a benzothiazol ring substituted with a C<sub>1-6</sub> alkyl group; a benzodioxorane ring; and a benzobutyrolactone ring, and the remaining groups of R<sup>11</sup> to R<sup>55</sup> are identical or different and represent a hydrogen atom, a C<sub>1-4</sub> alkyl group, a C<sub>1-4</sub> alkoxy group, a trifluoromethyl group, a nitro group, or a halogen atom, or a pharmaceutically-acceptable salt thereof.